ECS Configuration Change Request

1. Originator Jenny Boliek	2. Log Date: **04/14/03**	3. CCR #: **03-0263**	4. Rev: —	5. Tel: 301-925-1122	6. Rm #: 2058	7. Dept. SE

8. CCR Title: Patch_6A.07_ICG2ACG.01C

9. Originator Signature/Date **Jenny Lynn Boliek /s/ 04/14/03**	10. Class **II**	11. Type: **CCR**	12. Need Date: 15Apr03
13. Office Manager Signature/Date **Carolyn Whitaker /s/ 04/14/03**	14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Emergency
16. Documentation/Drawings Impacted *(Review and submit checklist):*	17. Schedule Impact:		18. CI(s) Affected:CSS, MSS

19. Release Affected by this Change: 6A	20. Date due to Customer: 15Apr03	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
36660, 36875, 36944, 37016, 37181

23. Problem: (use additional Sheets if necessary)
This patch delivers the transition scripts for SGI replacement which were developed for NSIDC and LARC use.

24. Proposed Solution: (use additional sheets if necessary)
Deliver Patch_6A.07_ICG2ACG.01C to LaRC and NSIDC only.

25. Alternate Solution: (use additional sheets if necessary)
Manually make all required changes as the ICG software is migrated to the ACG host.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Will take longer to perform tranisition if completed manually.

27. Justification for Emergency (If Block 15 is "Emergency"):
Patch is needed to support the transition from icg to acg host. The tranistion is scheduled to start as soon as possible at LARC and on April 22 at NSIDC.

28. Site(s) Affected: ☒EDF ☒PVC ☒VATC ☐EDC ☐ GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Mary S. Armstrong /s/ 04/14/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): **Pamela Johnson /s/ 04/14/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 03-0263 **Rev:** — **Originator:** Jenny Boliek

Telephone: 301-925-1122 **Office:** 2058

Title of Change: Patch_6A.07_ICG2ACG.01C

REQUEST FOR TAR FILE:

CSG -

Please make these tar files from the 6A07EBF1 baseline:

Please make one SOL8 tar file with the following packages:

.EcCsNmCommon.pkg
.EcCsCommon.pkg

Please make one IRIX65 tar file with the following packages:

.EcCsNmCommon.pkg
.EcCsCommon.pkg
.EcDbDDMicg2acg.pkg

Please label this tar file Patch_6A.07_ICG2ACG.01C

This Patch delivers the following NCRs:

ECSed36660 OPS_INSTALLATION 5 V EDF Updating sitemap for transition from icg to acg hosts
ECSed36875 OPS_INSTALLATION 3 C PVC Need to create .cfgpatch for EcCsIdCommon for PCX upgrade (NSIDC/LARC)
ECSed36944 RelB0_DBDM 5 T EDF Need db transition scripts for SGI replacement
ECSed37181 OPS_INSTALLATION 5 R EDF Create a new application to only generate fos_services file.
ECSed37016 RelB0_IDG 5 V VATC Added new DB ADMIN package to facilitate icg to acg DB conversion.

DAAC Install Instructions:

PREINSTALLATION:

1. Copy the *sun5.8* files to <staging_area>/SOL8/

2. Copy the *irix65* files to <staging_area>/IRIX65/

3. Using the *Setup.ksh files in each directory un tar the tar files

4. Using sudo (or root) cd <staging_area>/SOL8/ and untar EcsAssist using the Setup.ksh file.

This is needed to support the new packages that are delivered as part of this Patch. The EcDbDDMicg2acg.pkg has temporarily been added to the .sitemap to add in moving the Database from the ICG to ACG. The EcCsNmCommon.pkg has been permanently added to the .sitemap. The package is used to generate the fos_services file. The associated .cfgparms are removed from the /usr/ecs/<MODE>/CUSTOM/.installed/CSS/IDG/EcCsCommonMkcfg tag and added to the /usr/ecs/<MODE>/CUSTOM/CSS/NameServer/EcCsNmCommonMkcfg tag. Unless you untar EcsAssist the new packages will not be in the .packages file in /tools/common/data/ea and the approriate packages will not be installed.

5. cd <staging_area>/CUSTOM/IRIX65/CUSTOM/dbms

6. chmod -R 775 * (this sets the permissions for all the files associated with the icg2acg scripts for installation only.)

THE FOLLOWING STEPS ARE FOR NSIDC ONLY:

7. cd <staging_area>/CUSTOM/IRIX65/CUSTOM

8. Edit the .sitemap and verify the .EcCsNmCommon.pkg is being installed on both the n0ics01 and n0ins02 hosts.

9. cd .sitemap ../../SOL8/CUSTOM/.sitemap

INSTALLATION:

INSTALLATION PART ONE: FOR ALL MODES DO THE FOLLOWING STEPS PRIOR TO MOVING ANY CODE ON THE ACG OR ICG PLATFORMS:

1. Bring up E.A.S.I on any sun platform (you can not run E.A.S.I on an IRIX65 host).

2. Install the listed packages by choosing the correct staging area name and the FULL option in ALL MODES using the appropriate cm<mode> login. Note -- by choosing the FULL option all the packages in the tar file(s) will be automatically be picked and installed on all appropriate hosts. You will still be offered a chance to review the list of hosts.

INSTALLATION PART TWO: THE FOLLOWING ONLY NEEDS TO BE COMPLETED IN ONE MODE (PREFERABLY OPS), BUT YOU MAY DO THE SETUP IN ALL MODES IF YOU WISH:

1. Log on to xxicgnn host and the xxacgnn host and do the following:

2. cd /usr/ecs/<MODE>/CUSTOM/dbms/COM/DBAdmin/icg2acg

3. cp db_list_<daac> db_list

4. cp stripes_list_<daac> stripes_list

5. Review the README.icg2acg file. This will explain how the various files are used. If you have users in your databases that are not part of the baseline (logins such as anonymous or metrics) I suggest adding these users to the users_list and to the logins_list. Notice the logins_list file permission allows only the installer to read that file. Use the icg2acg script during transition as described in the SGI Replacement White paper.

INSTALLATION PART THREE: DO THE FOLLOWING FOR EACH MODE IMMEDIATELY ONLY AFTER MOVING THE CODE FROM THE ICG TO THE ACG HOSTS:

1. Bring up E.A.S.I and choosing the correct staging_area name and the CUSTOM option then click on Subsystem.. Next under CSS and the finally under EcCsNm click on EcCsNmCommon.pkg. Then click Next.

2. When the E.A.S.I. Phase Selection box pops up click on the Config Radio Button and then Next. You will get a message that says: "You have not selected "INSTALL" phase. Make sure ECS custom software has been installed." Click on OK.

3. In the E.A.S.I. Installation Confirmation window you will see all the hosts in your .sitemap listed Click on Next. Then Confirm the correct selection by clicking on Yes.

4. When the E.A.S.I STATUS window appears click on COMM (COMM will turn red until communication is established with all hosts.)

5. After all the Hosts status buttons are green and "(idle)" is by each host, then click on the CONFIG button. This creates a new fos_services file on all hosts that sets the hosts to n0acg01 at NSIDC and l0acg02 at LARC. It also correctly sets the port number by MODE.

POST INSTALLATION: (ALL MODES)

On every host where EcCsCommon.pkg is installed do the following:

1. cd /usr/ecs/<MODE>/CUSTOM/utilities
2. rm EcCsIdCommonMkcfg